

CERTIFICATE OF ANALYSIS

Product Name:	Agar	Batch No.	JL20240319
Cas	9002-18-0	MF Date	MAR.19,2024
Packing	25kg/bag	Analysis Date	MAR.19,2024
Quantity	2000kg	Expiry Date	MAR.18,2025
ITEM	STANDARD		RESULT
Content (in terms of minimum gel solubility)	$\leq 0.25\%$		<0.25%
Moisture content	$\leq 22\%$		16%
Ash content	$\leq 0.5\%$		0.2%
Absorbs moisture	75ml		Pass
Total ash	$\leq 5\%$		2%
Insoluble foreign impurities	$\leq 1\%$		0.7%
Arsenic (As)	$\leq 3 \text{ mg/kg}$		<3 mg/kg
Lead (Pb)	$\leq 3 \text{ mg/kg}$		<3 mg/kg
Heavy metals (in Pb)	$\leq 20 \text{ mg/kg}$		<20 mg/kg
Starch and dextrin	Pass		Pass
Gelatin and protein	Pass		Pass
Gel strength	$\geq 800\text{g/cm}^2$		> 800g/cm ²
Conclusion	Qualified		

**Analyst: Wen Qian****Quality Assurance Officer: Zhan Peng**